



6462669

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Application No: 09/605,801  
Title: Replaceable LED Modules  
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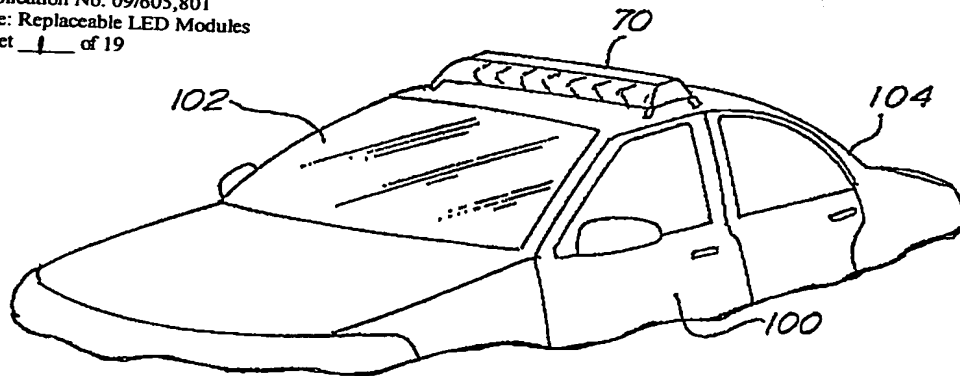


Fig. 1.

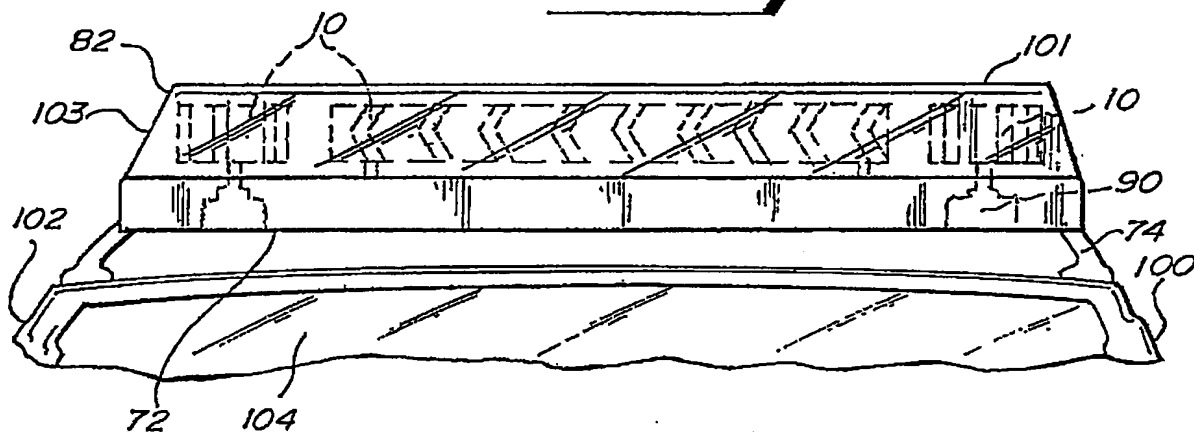


Fig. 2.

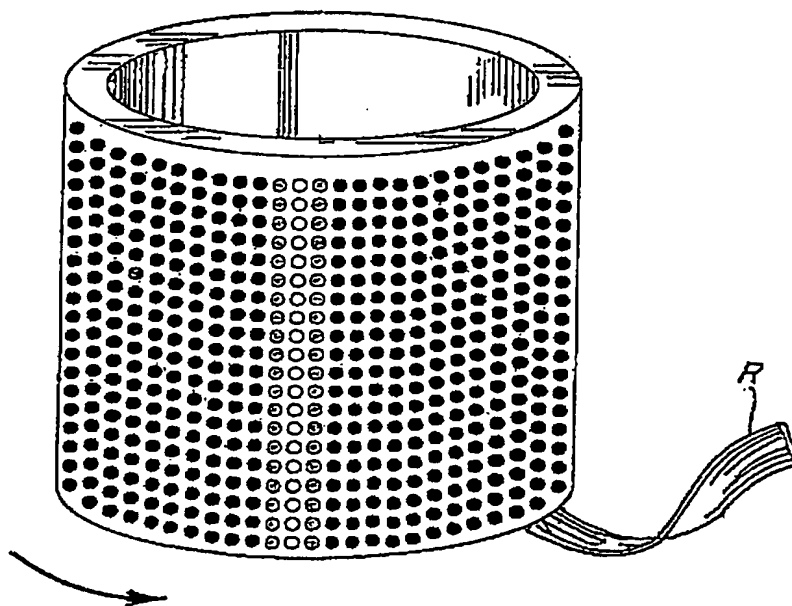
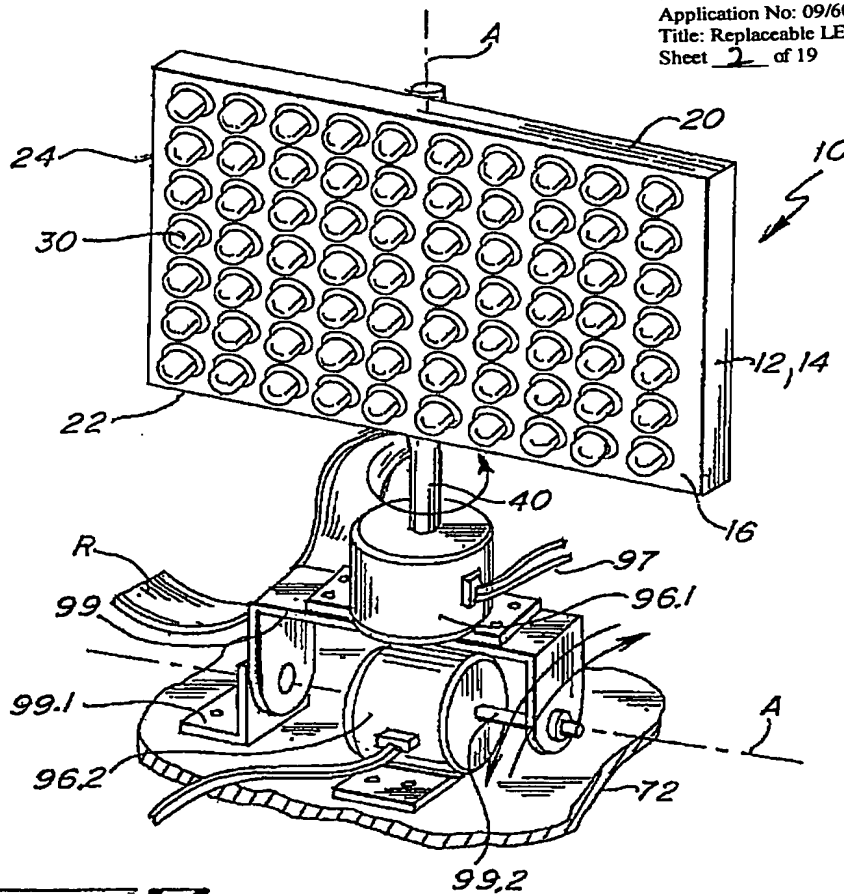


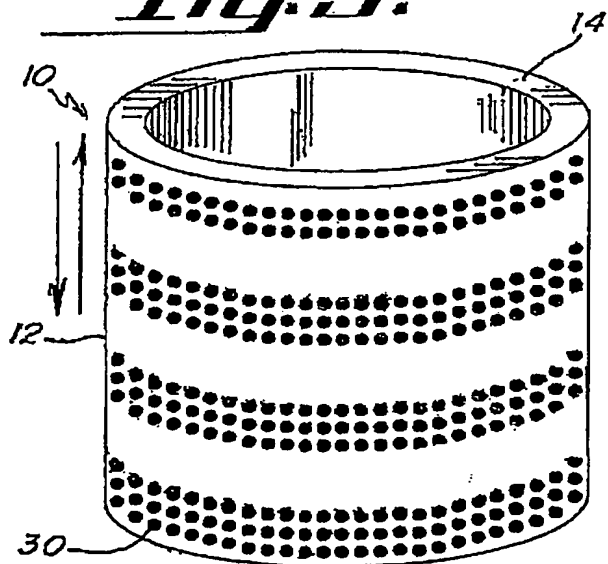
Fig. 4.



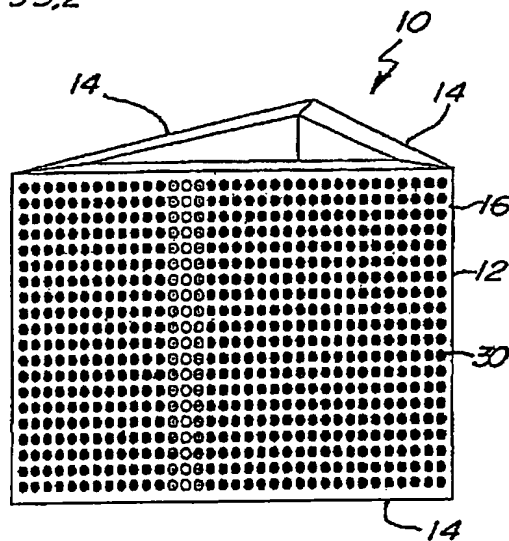
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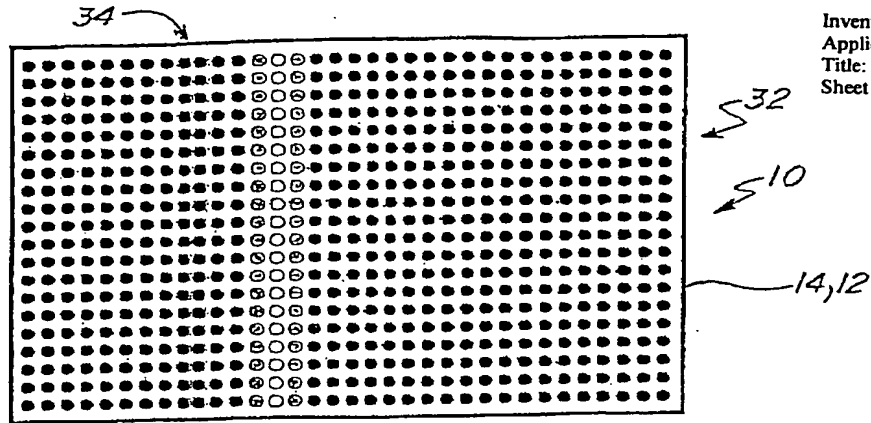
**Fig. 3.**



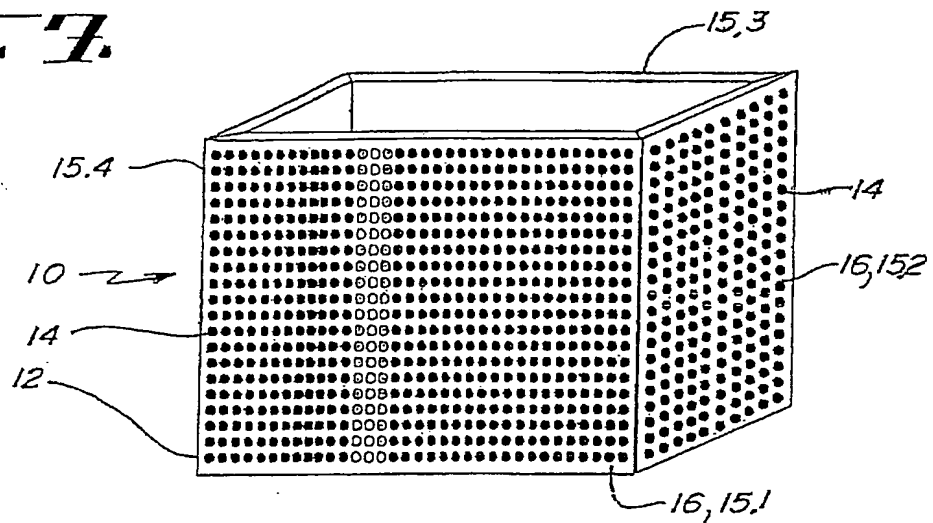
**Fig. 5.**



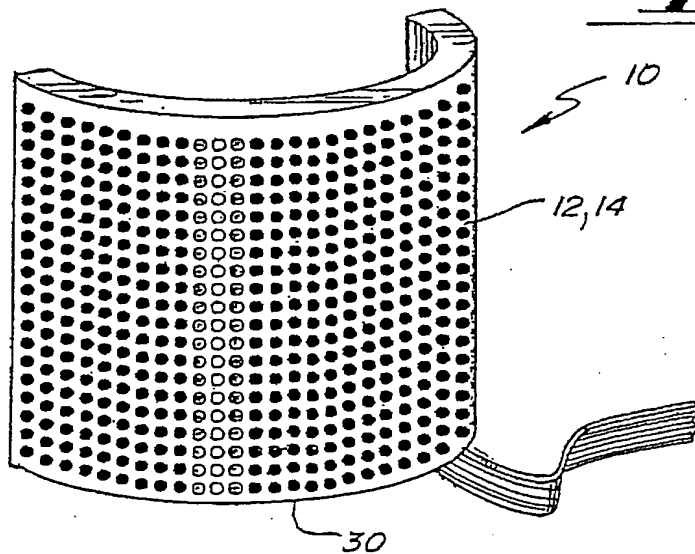
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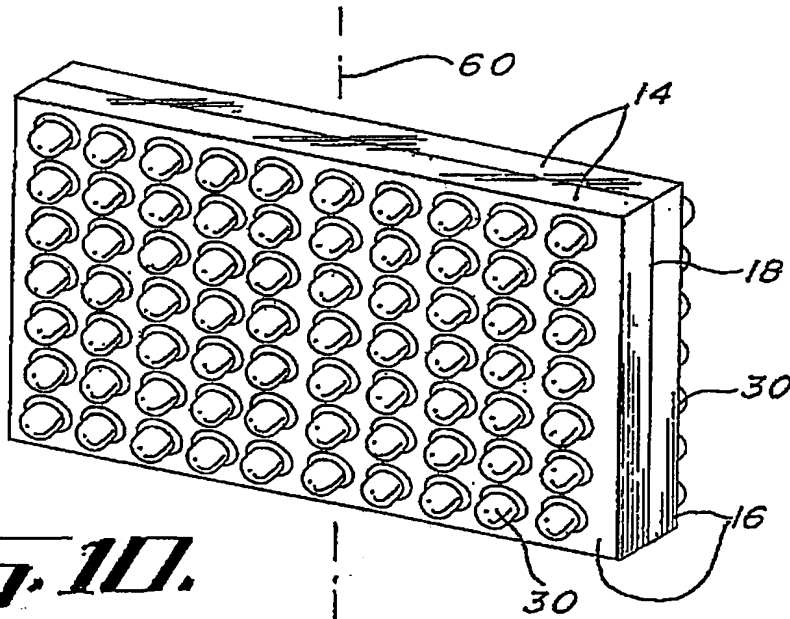
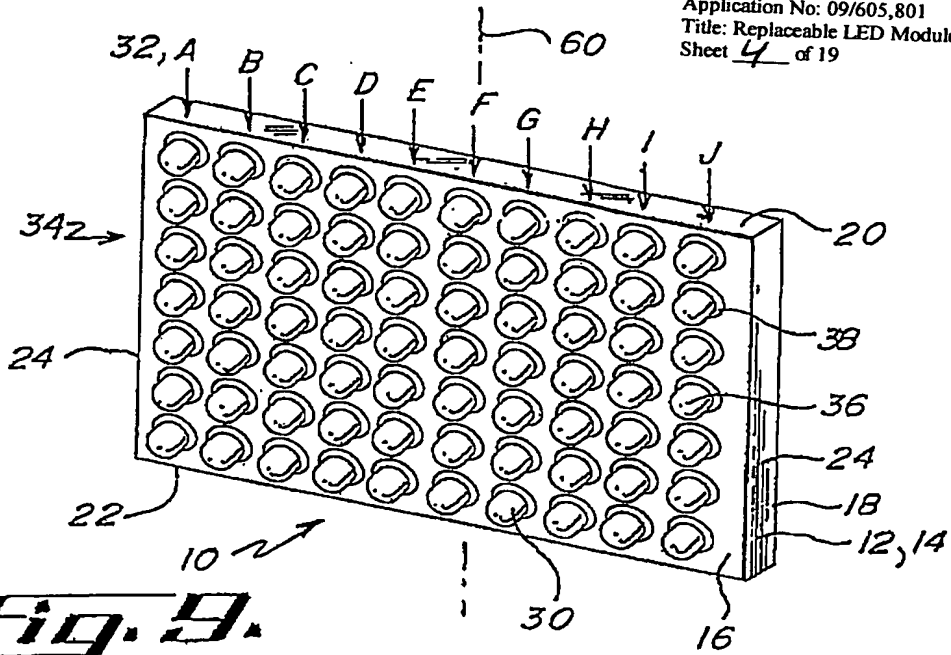
**Fig. 7.**



**Fig. 8.**



**Fig. 12.**



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50

Wire Connections

BLACK  
GREEN  
WHITE  
BLUE  
RED

53

R9 Q9 II

R0 Q0 JJ

56 V1 VIN VOUT COM 5V

D1 C1 4.7mf

D91 D92 D93

RN3 RN4 R93 R92 R91

U-1 5V GND 5V XTAL

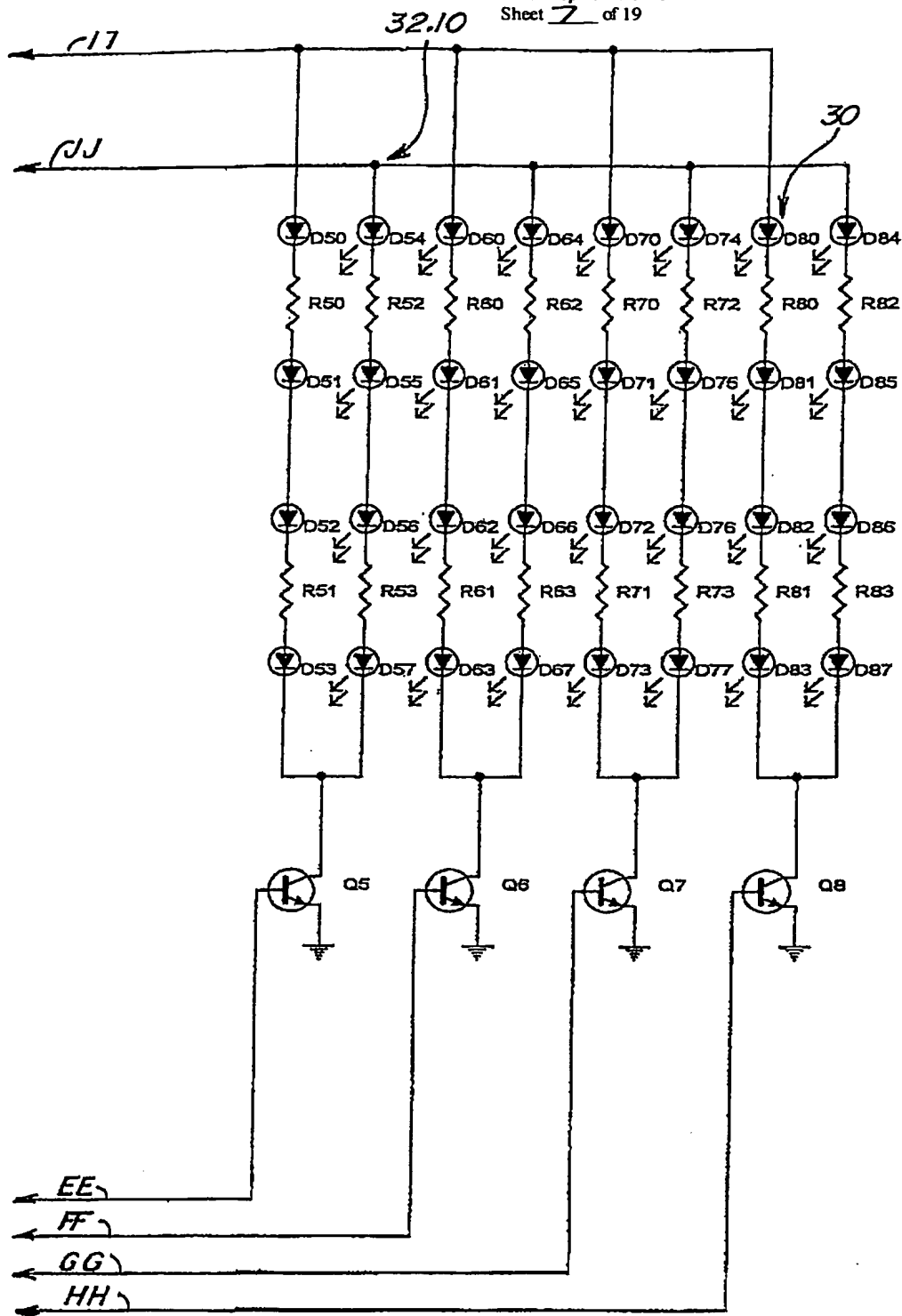
RN1 R1 AA  
R2 BB  
R3 CC  
R4 DD  
RN2 EE  
R5 FF  
R6 GG  
R7 HH  
R8

52

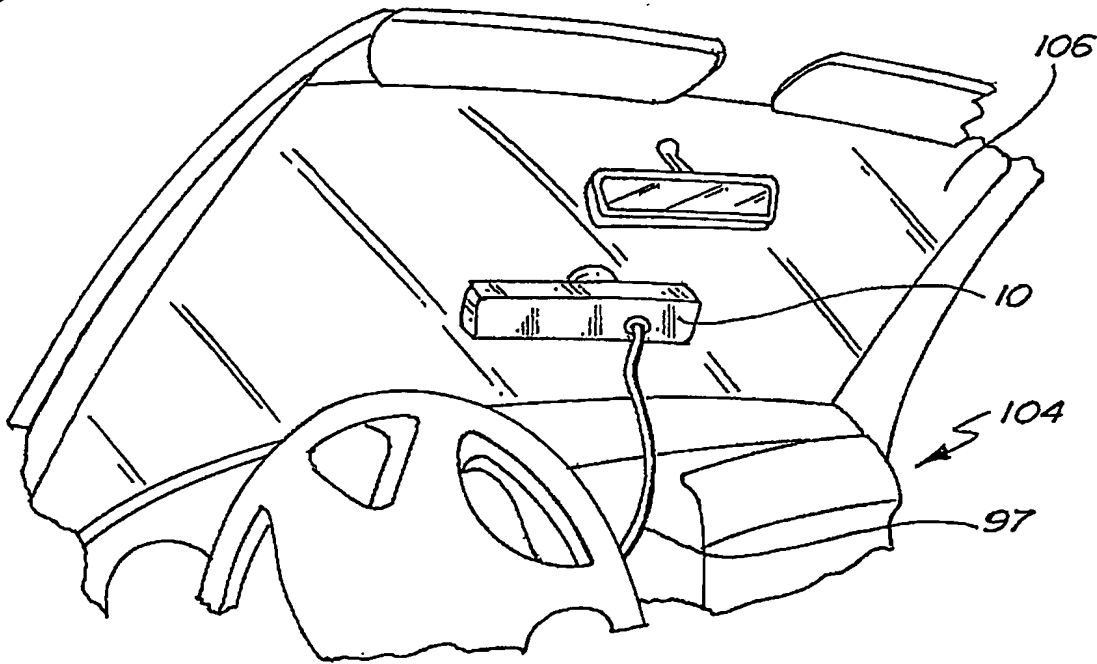
**Fig. 11B.**



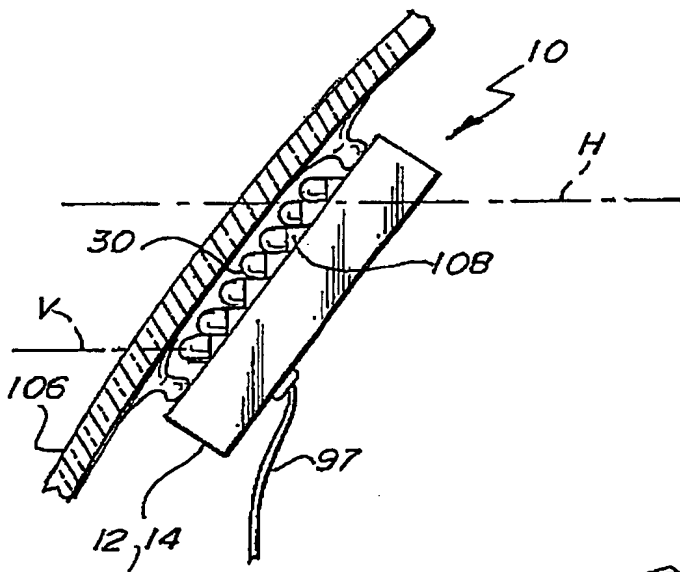
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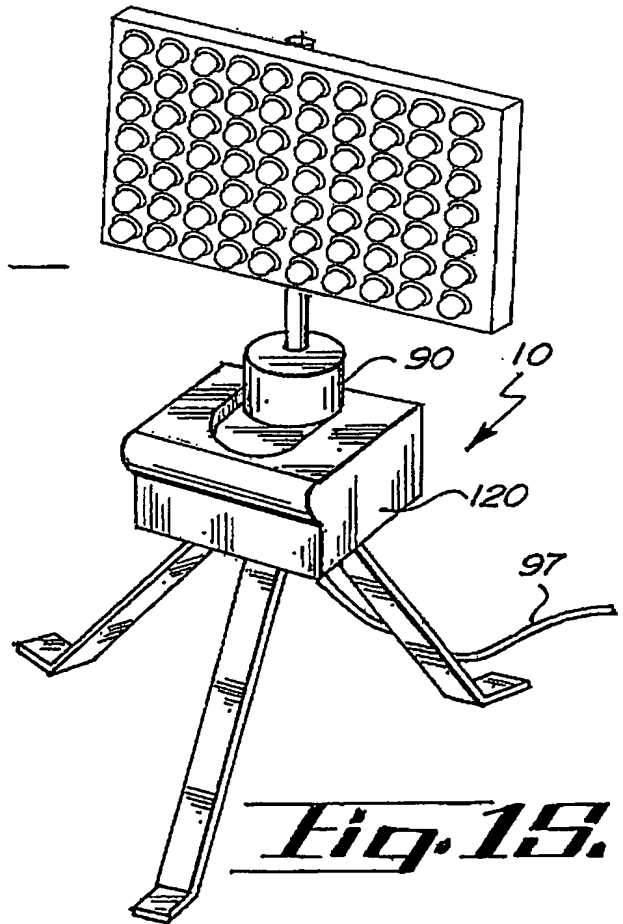
**Fig. 11C.**



**Fig. 13.**



**Fig. 14.**

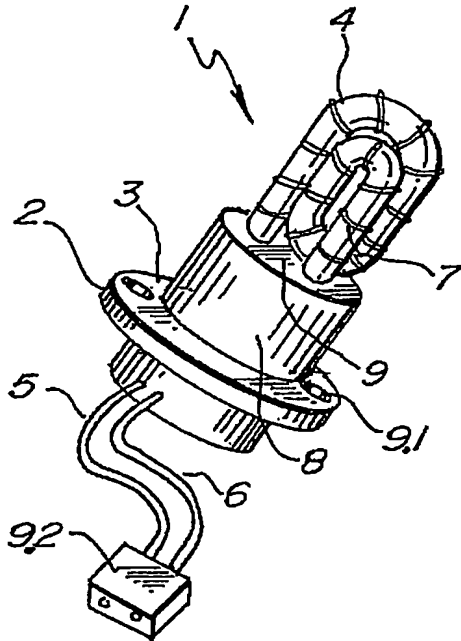


**Fig. 15.**

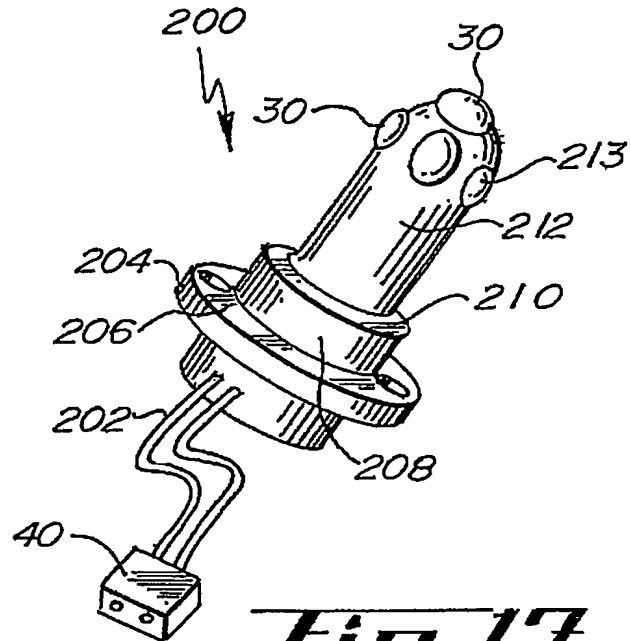




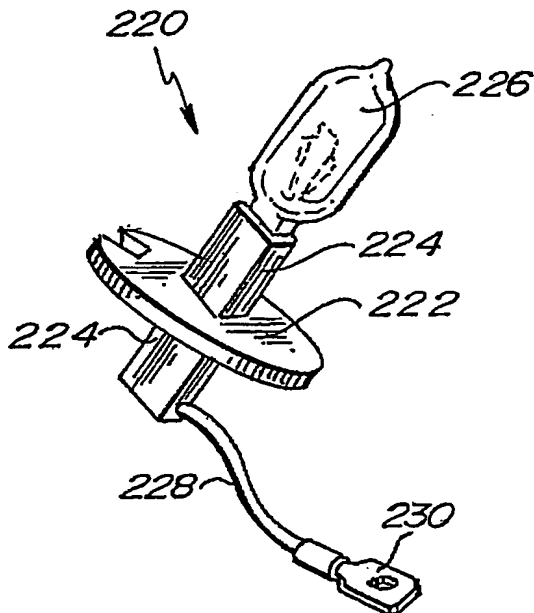
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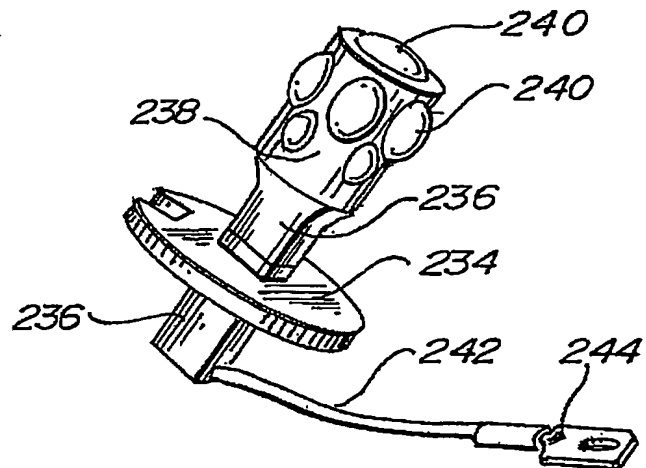
**Fig. 16.**  
PRIOR ART



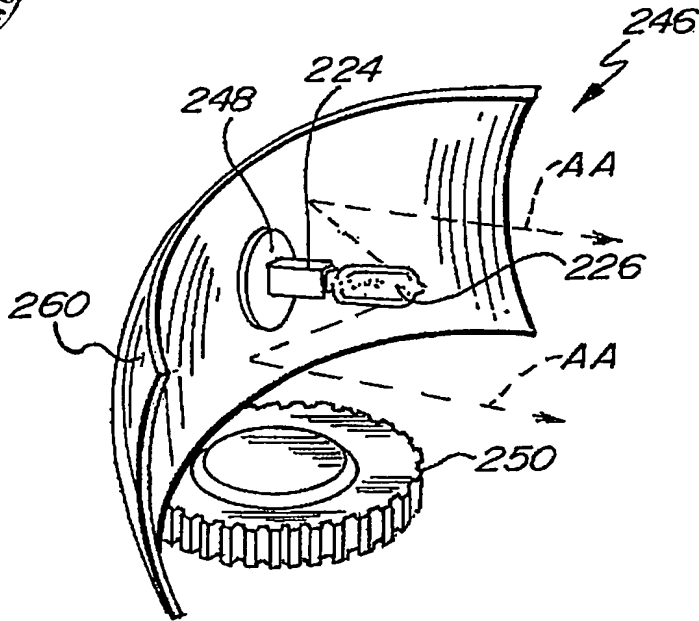
**Fig. 17.**



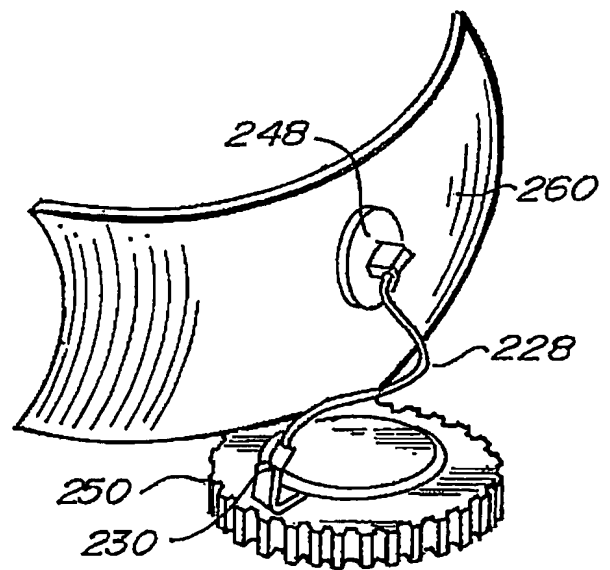
**Fig. 18.**  
PRIOR ART



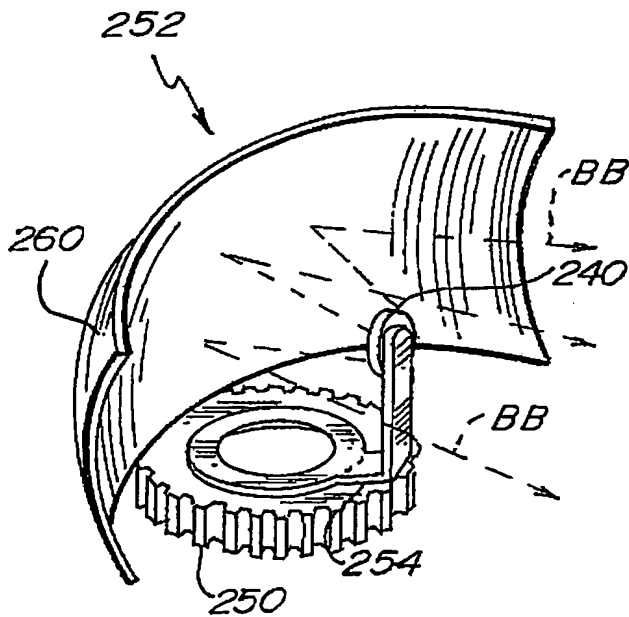
**Fig. 19.**



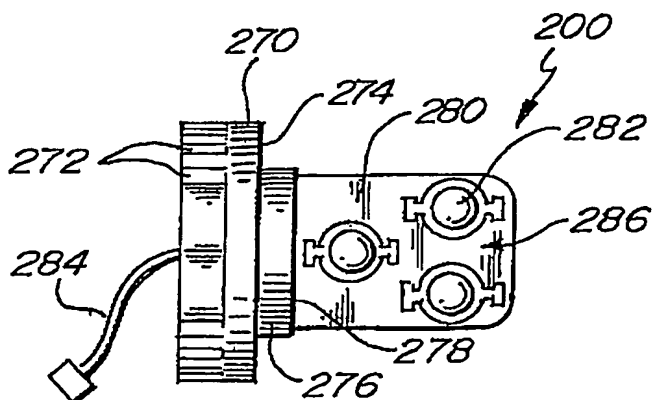
**Fig. 20.**  
PRIOR ART



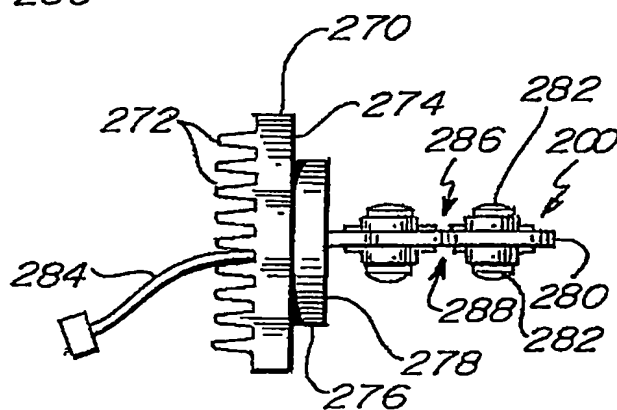
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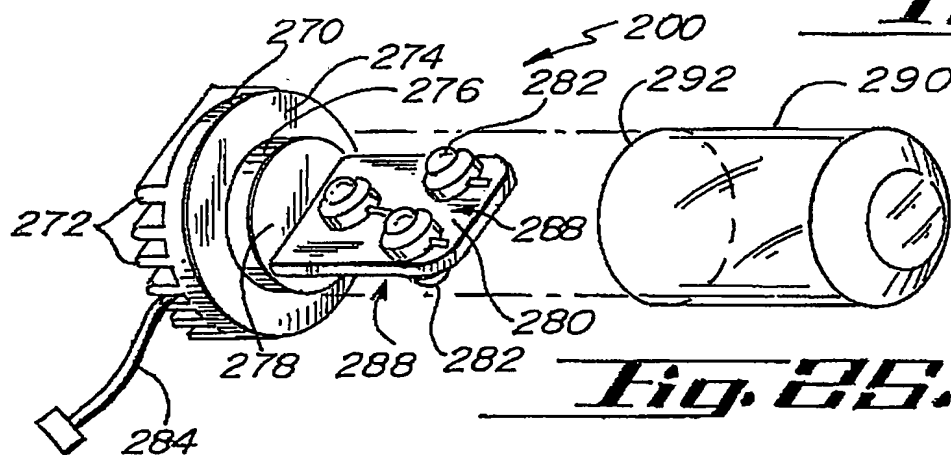
**Fig. 22.**



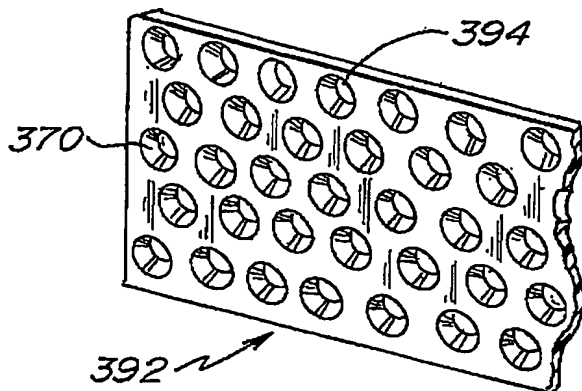
**Fig. 23.**



**Fig. 24.**



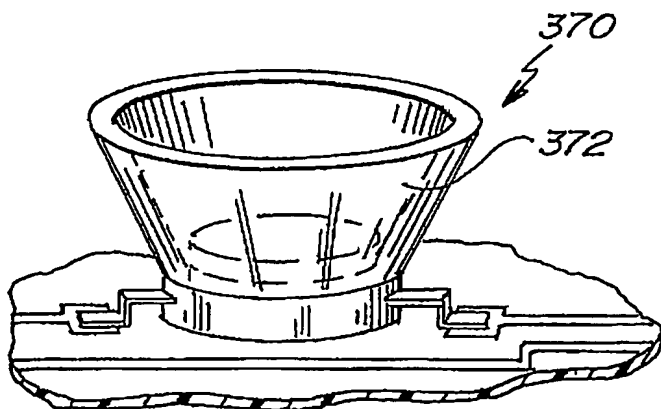
**Fig. 25.**



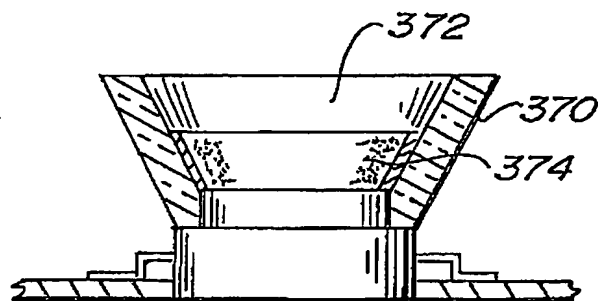
**Fig. 26.**



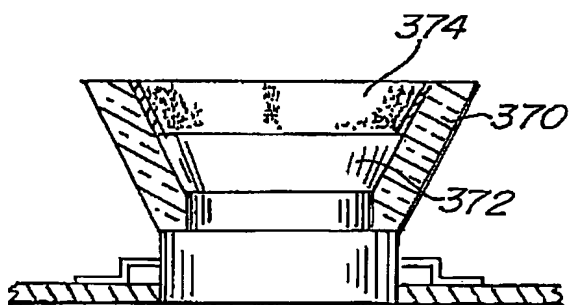
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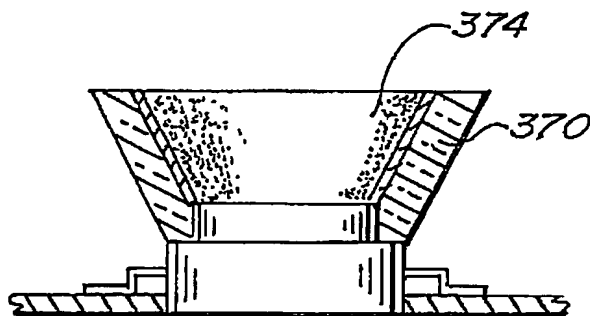
***Fig. 27.***



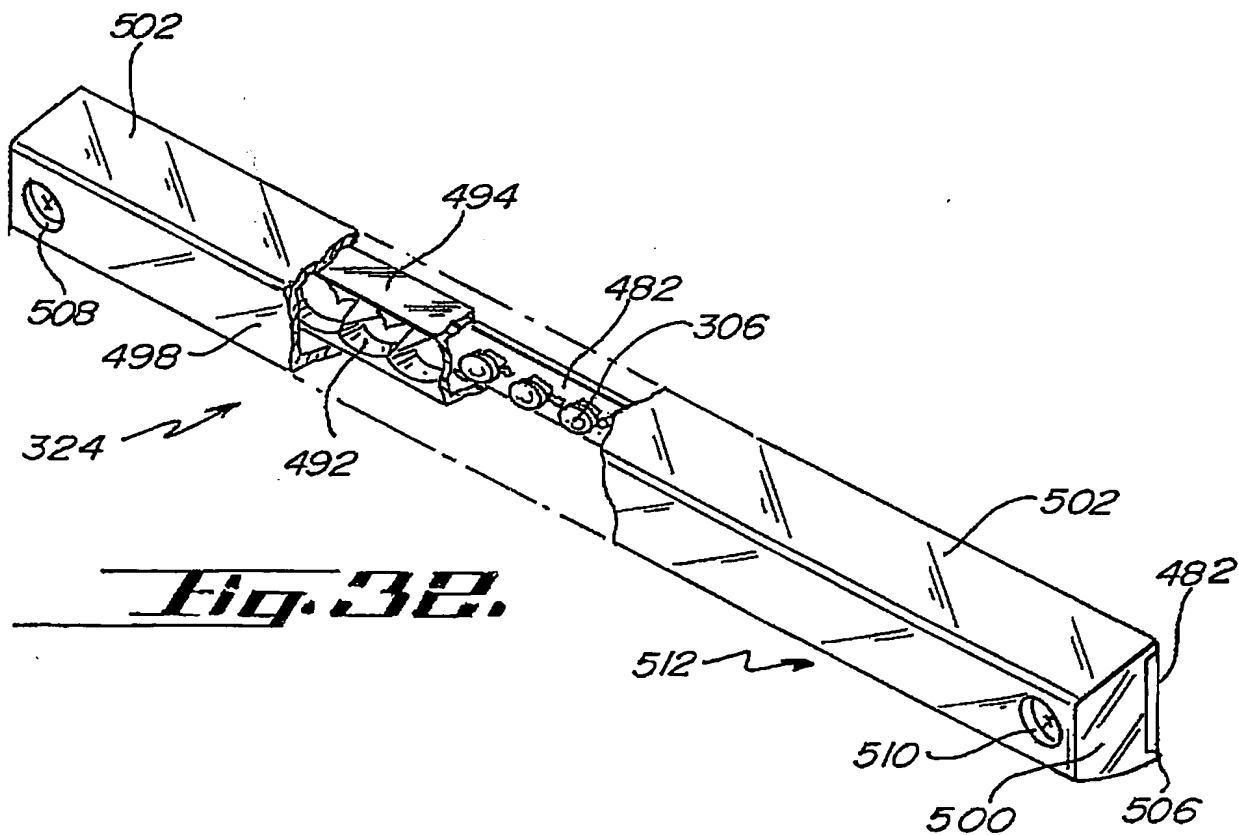
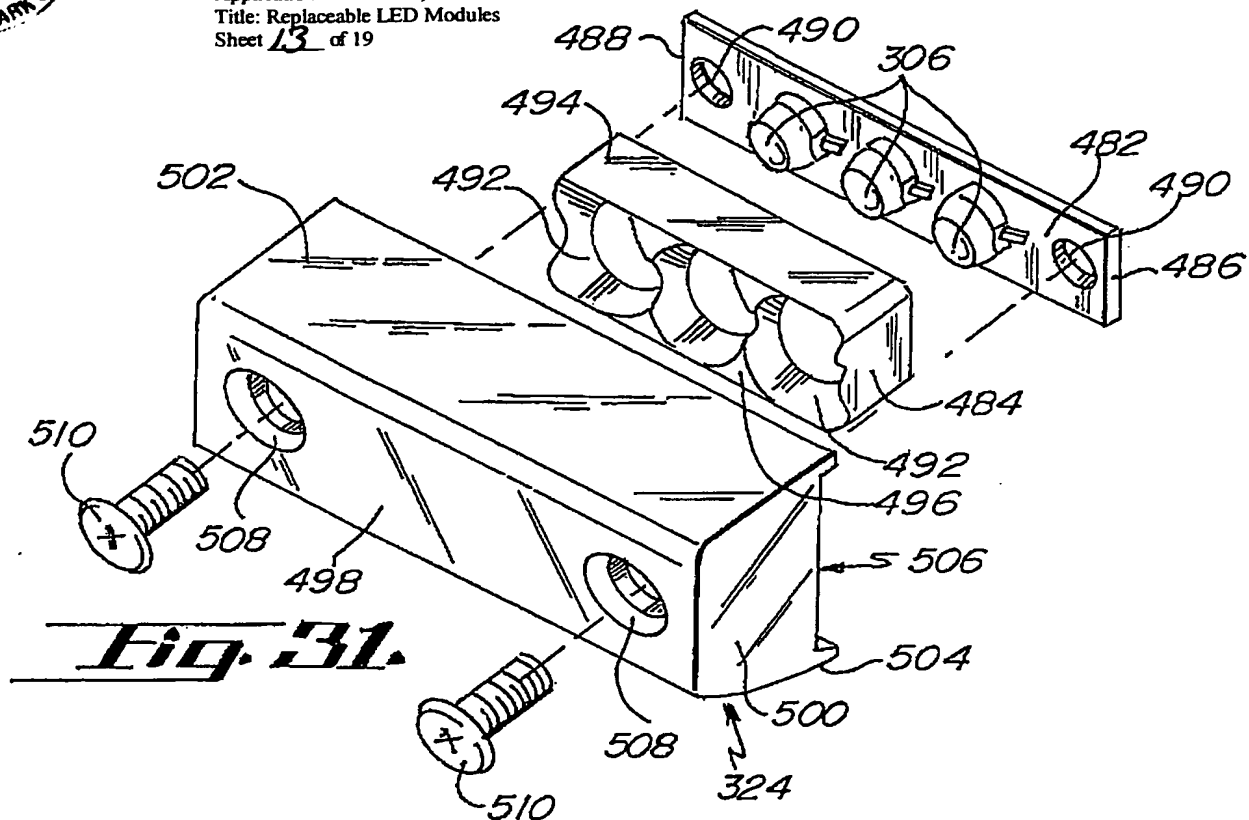
***Fig. 28.***

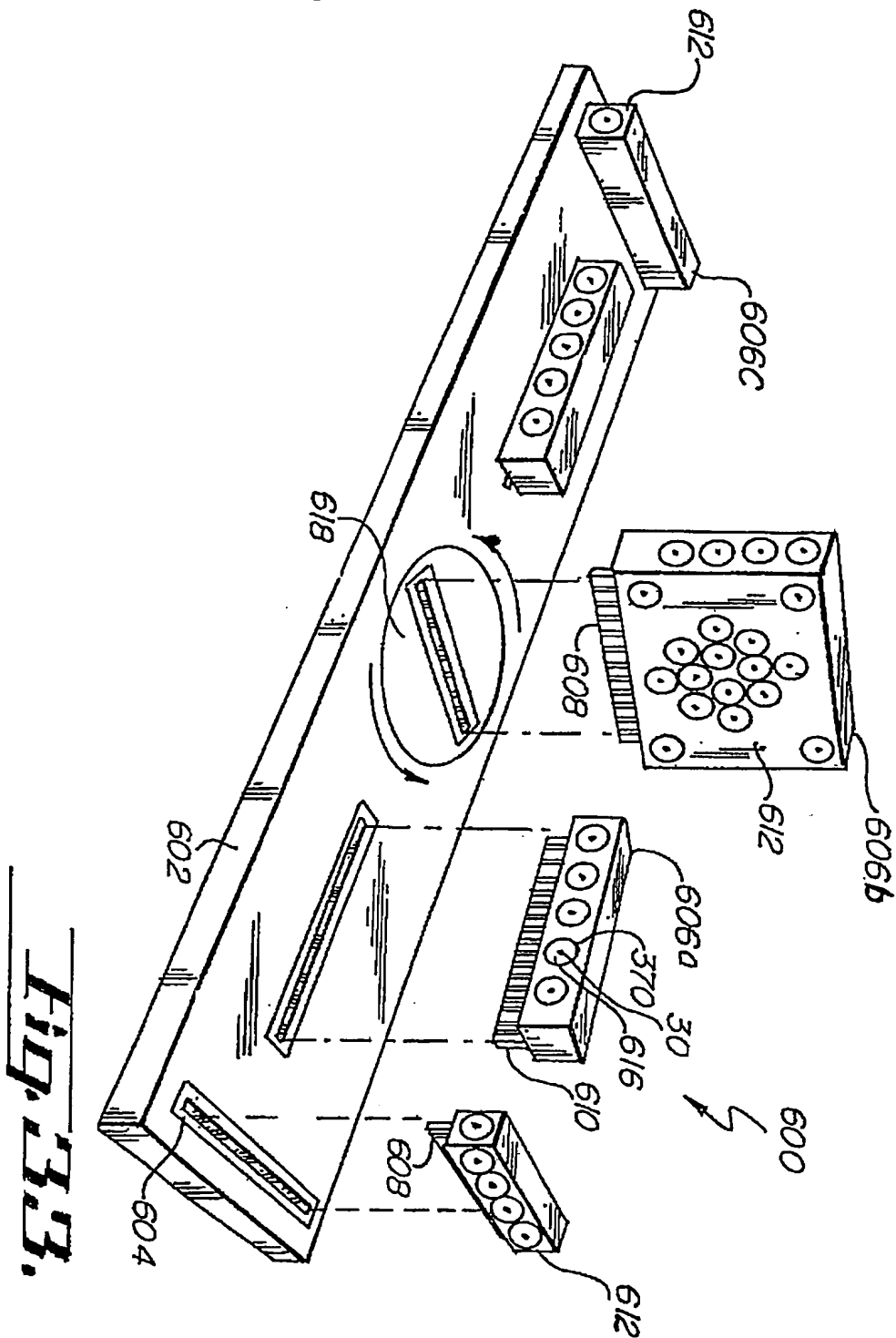


***Fig. 29.***



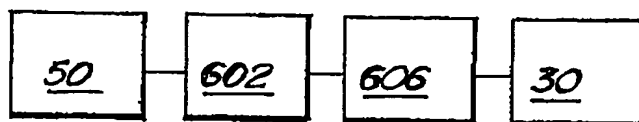
***Fig. 30.***



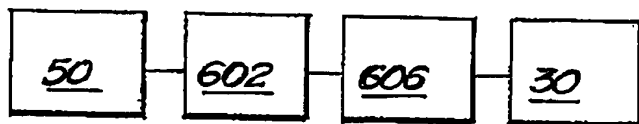




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**Fig 34.**



**Fig 35.**

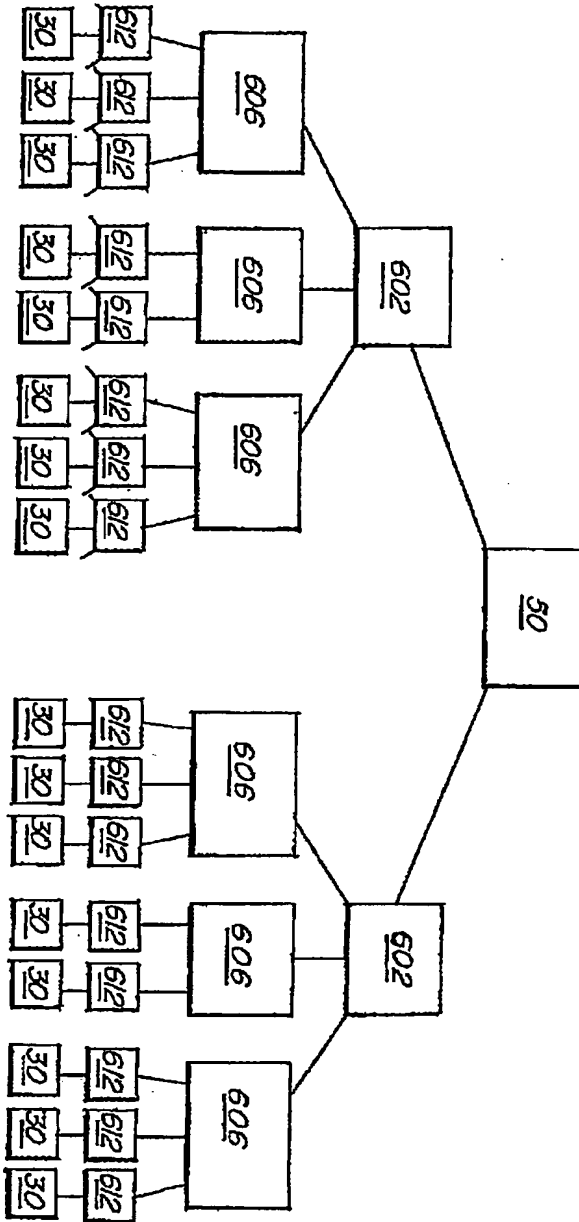
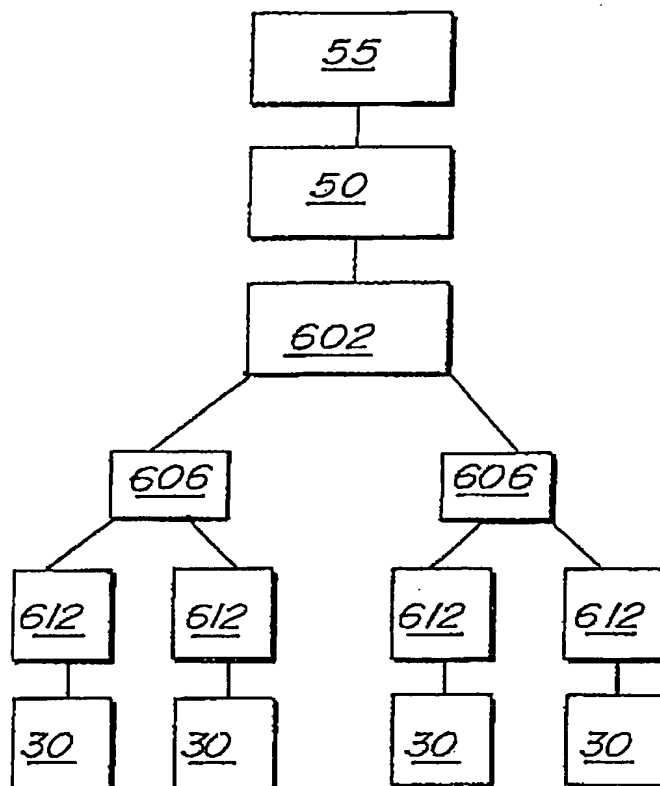


Fig. 3B.

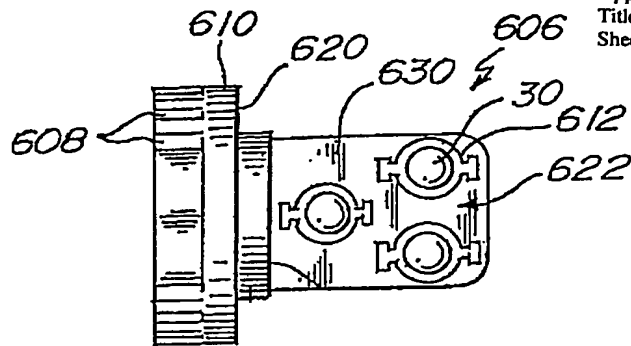




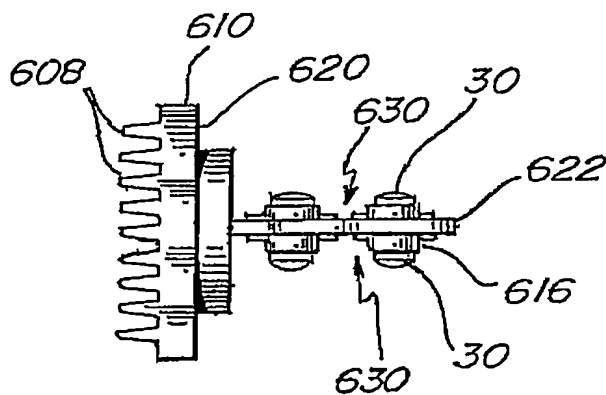
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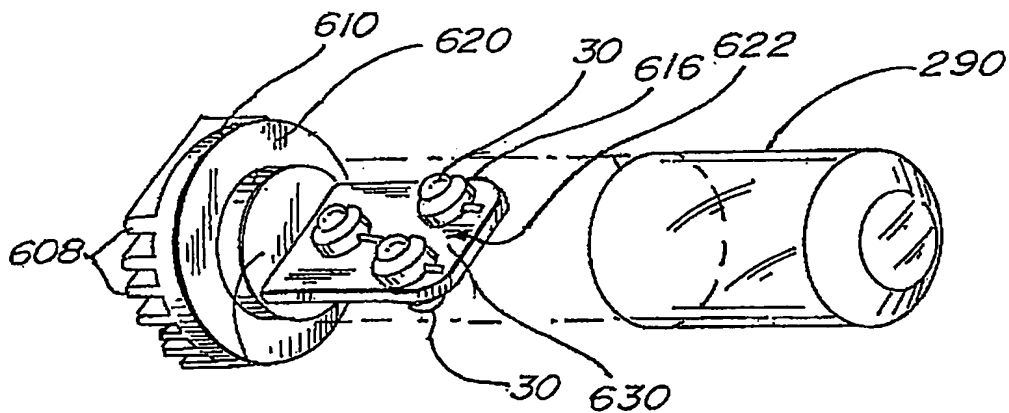
**Fig. 37.**



**Fig. 38.**



**Fig. 39.**



**Fig. 40.**



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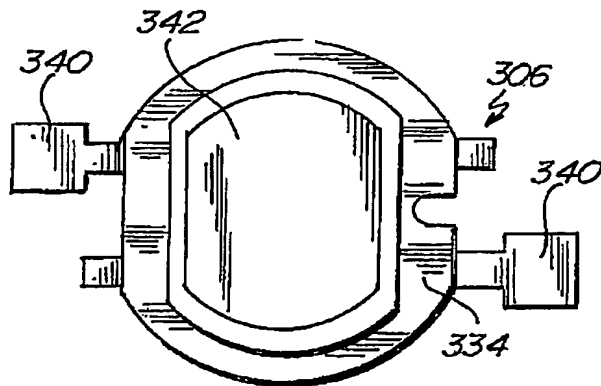


Fig. 4B.

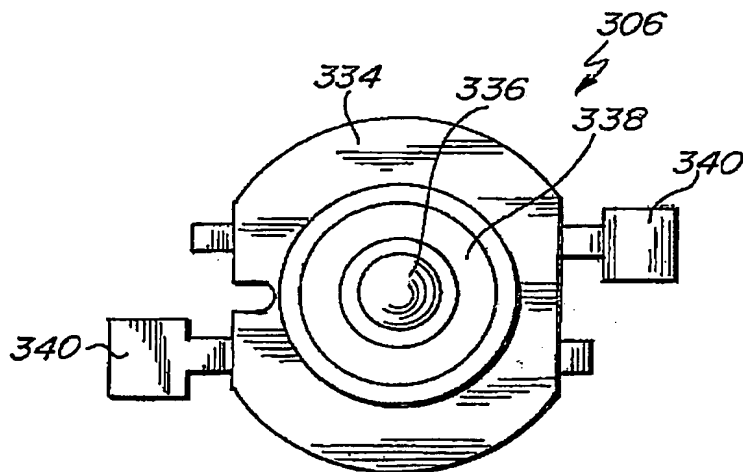


Fig. 4A.